



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, April 25, 2017
Issued: 0800 CT

Day 1 Weather Impacts: Slight risk of severe storms over NE OK;
Large hail/damaging winds are the main hazards.

Day 1 Weather Impacts: Critical fire weather conditions over
Southern NM into Far West TX.

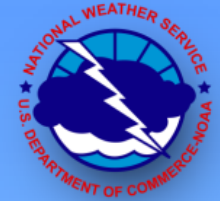
National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Today

- Slight risk of severe thunderstorms over NE OK
 - Large hail and damaging winds are the main hazards
- Critical fire weather conditions over Southern NM into Far West TX

Wednesday - Thursday

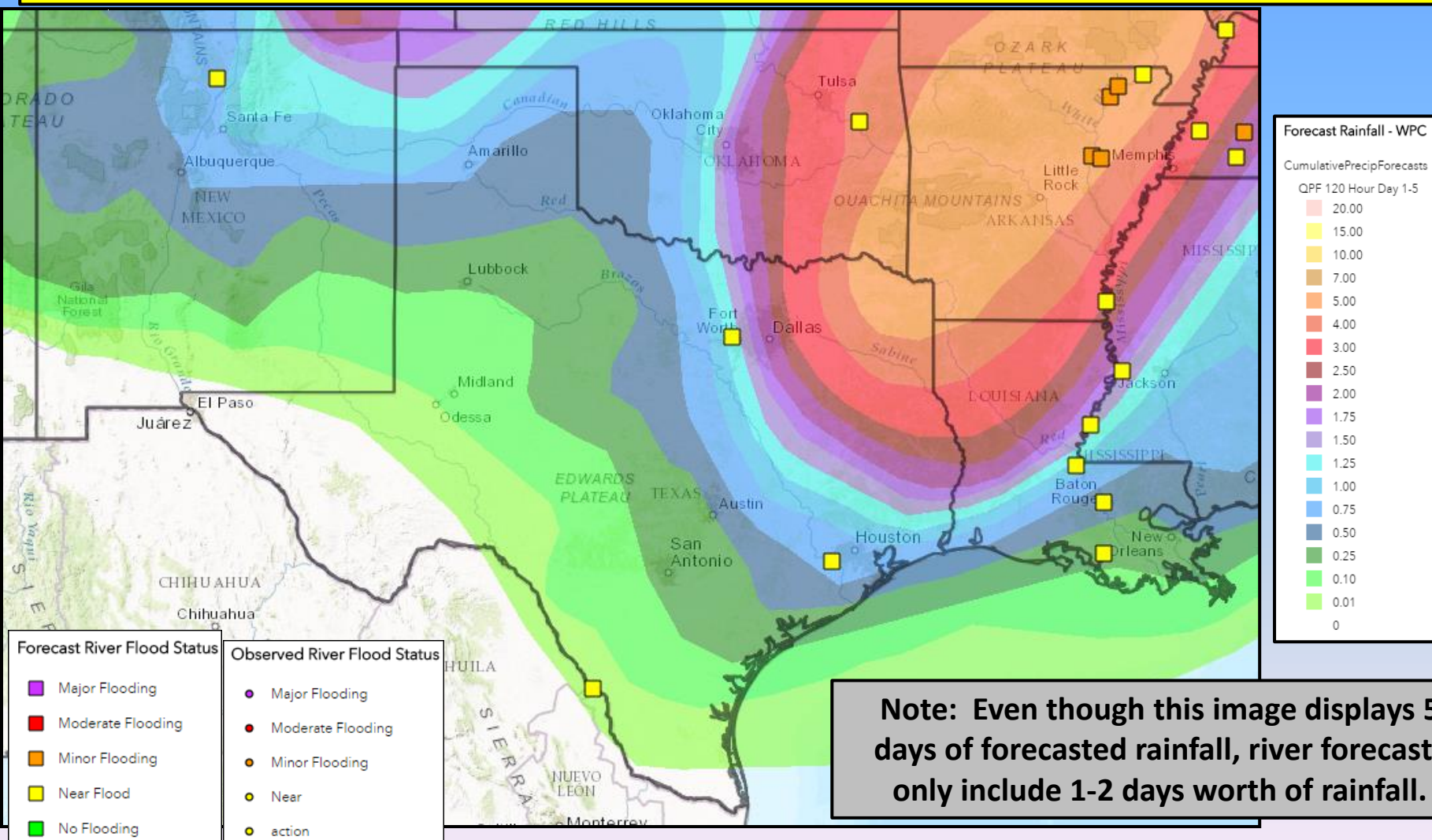
- Enhanced risk of severe thunderstorms over most of AR Wednesday with a Slight Risk into northern/central LA, southeast OK, and northeast TX
 - Large hail, damaging winds and possibly a few tornadoes
 - Heavy rainfall/flash flooding also possible; particularly over AR
- Critical fire weather conditions over southwest TX Wednesday
- No Significant Weather Threats Thursday

Friday - Sunday

- Enhanced risk of severe thunderstorms over much of OK into central AR Friday with a Slight Risk into the rest of AR N TX
- Enhanced risk of severe thunderstorms over Northeast TX into the Arklatex Saturday with a Slight Risk into AR, NCntrl/East TX, SE OK, & Northwest LA
- Slight risk of severe thunderstorms Sunday over Northeast/East-Central LA
- Widespread heavy rain late Friday into the weekend over AR into ortheast TX, eastern OK, and northern LA will lead to areas of flash/river flooding

5-Day Precipitation Forecast & River Flood Status

Isolated minor flooding continues in AR. Moderate rainfall event over Arkansas Wednesday followed by a possibly more significant rainfall event Friday into the weekend.



For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

Apr 25, 2017 - Apr 29, 2017

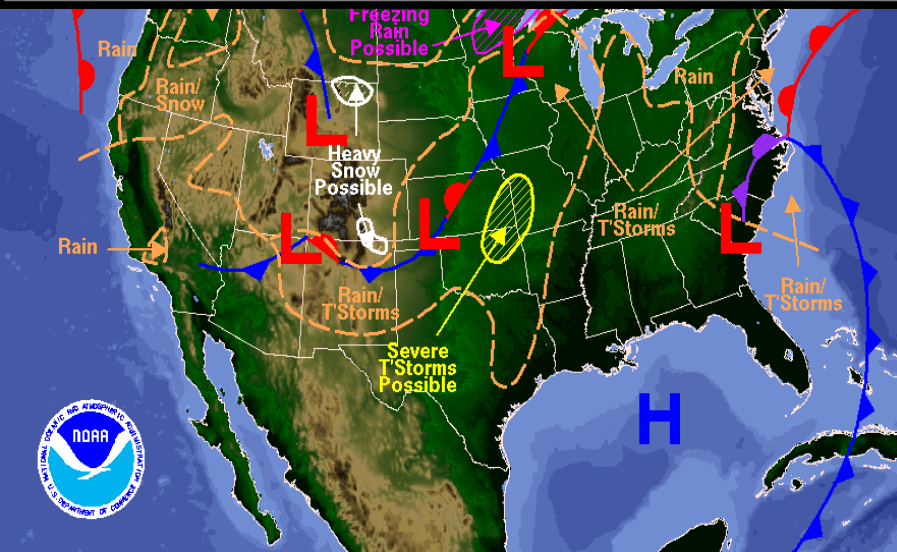
	TUE	WED	THU	FRI	SAT
Severe Weather	NE OK	AR SE OK, NE TX, North/Cntrl LA		OK into Cntrl AR AR, N TX	NE TX into the Arklatex NCntrl/E TX, NW LA, SE OK, AR
Heavy Rain / Flash Flooding	NE OK	AR		OK, AR (late)	AR, E OK, NW LA, N/NE TX
Fire Weather	Southern NM, Far West TX	Southwest TX			
River Flooding	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



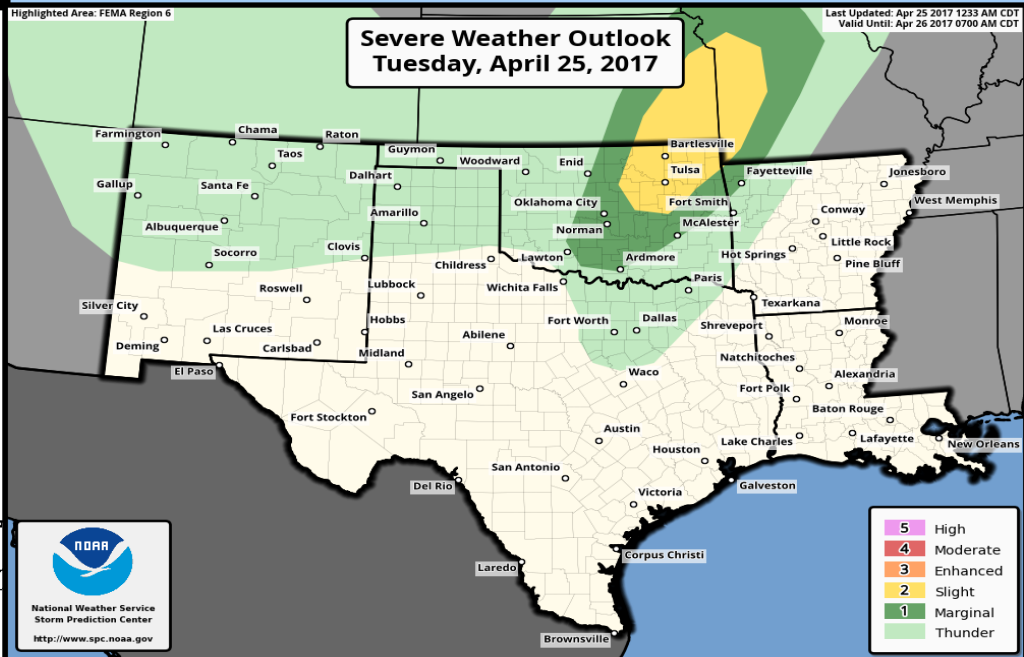
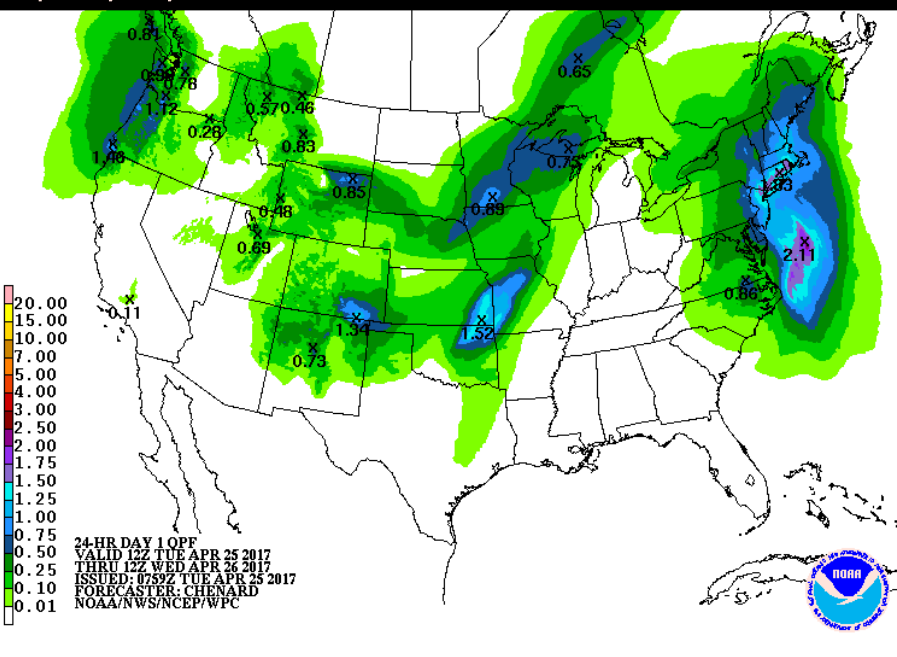
Today's Weather



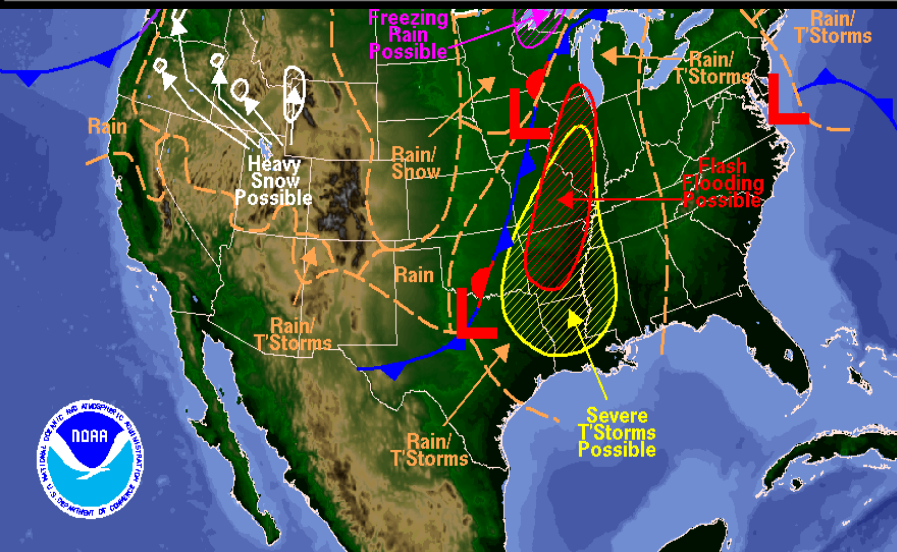
Weather Forecast for Tue, Apr 25, 2017, issued 4:38 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Severe storms possible over NE OK. Large hail and damaging winds are the main threats.

Critical fire weather conditions over southern NM and far west TX.



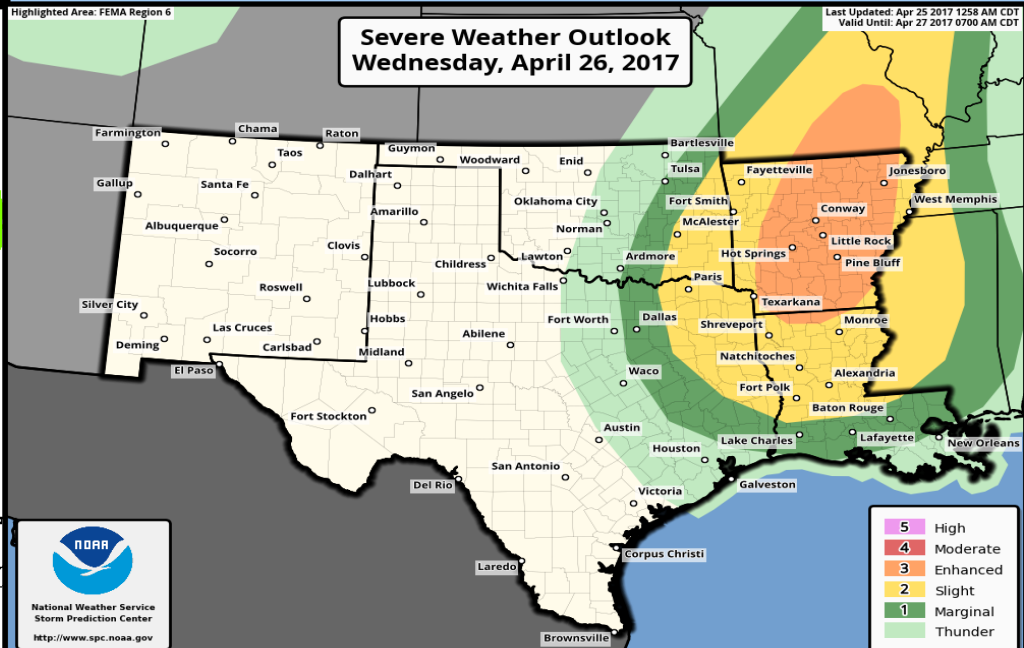
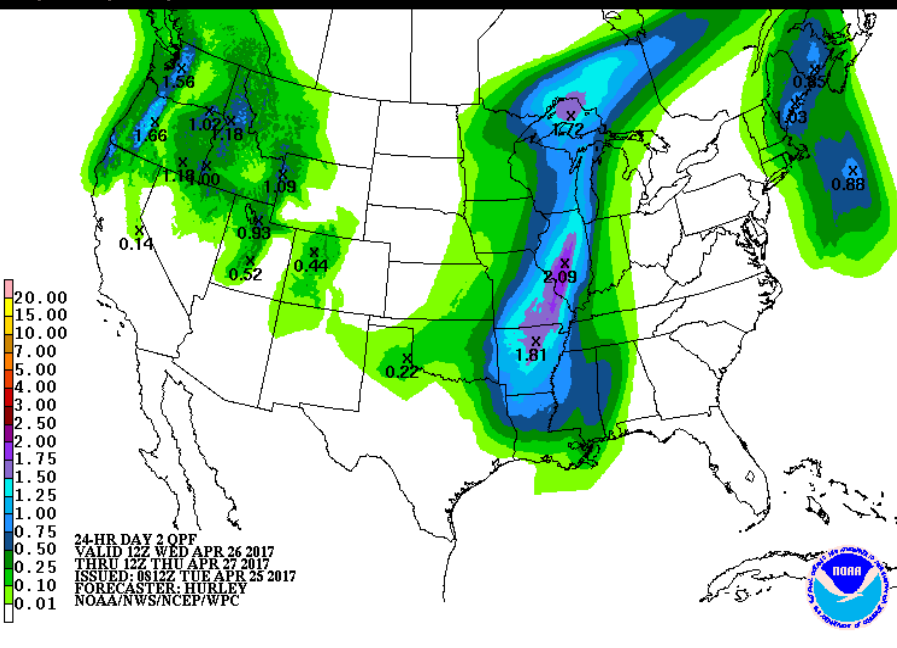
Tomorrow's Weather



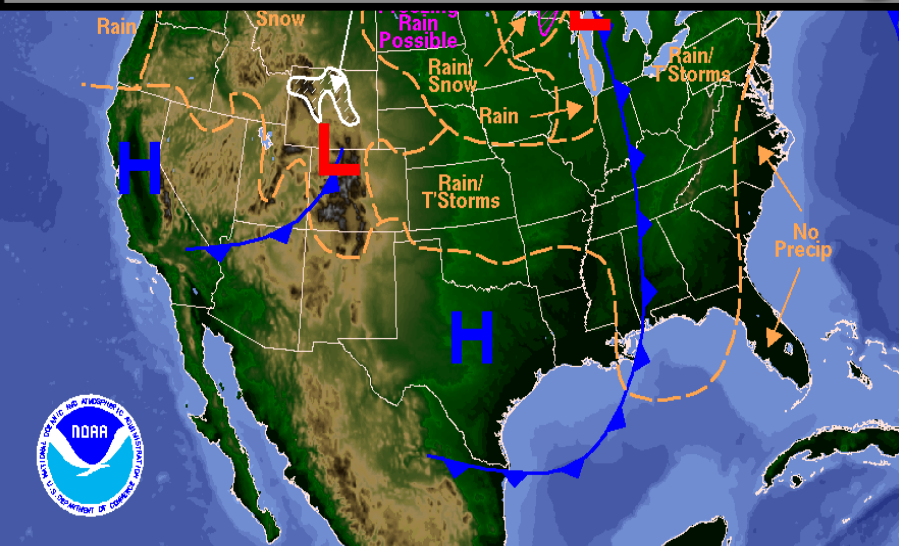
Severe storms possible over much of AR into northern/central LA, southeast OK, and northeast TX. Damaging winds, hail, and a few tornadoes are possible.

Critical fire weather conditions over southwest TX.

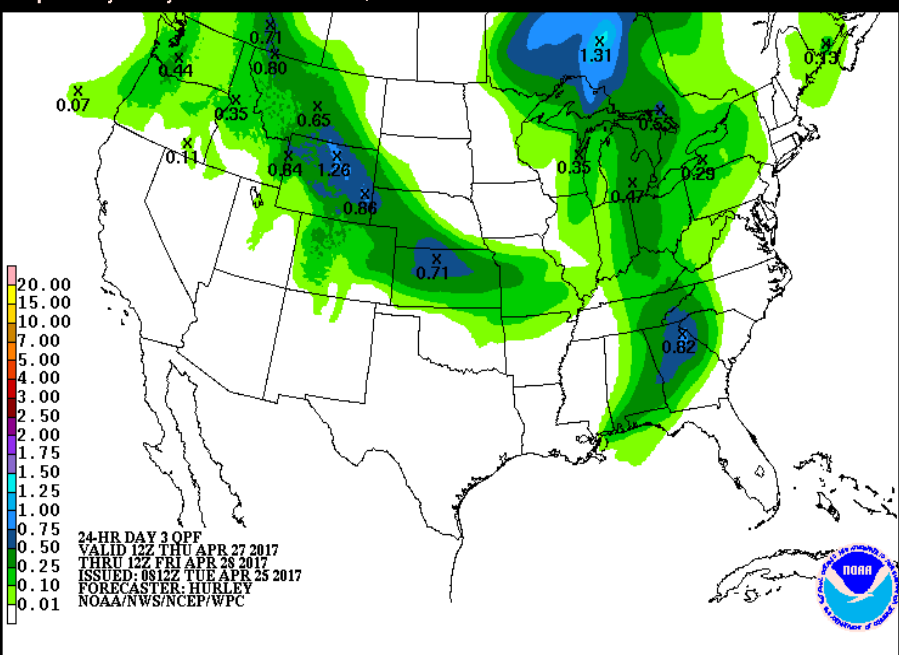
Weather Forecast for Wed, Apr 26, 2017, issued 4:54 AM EDT Tue, Apr 25, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts



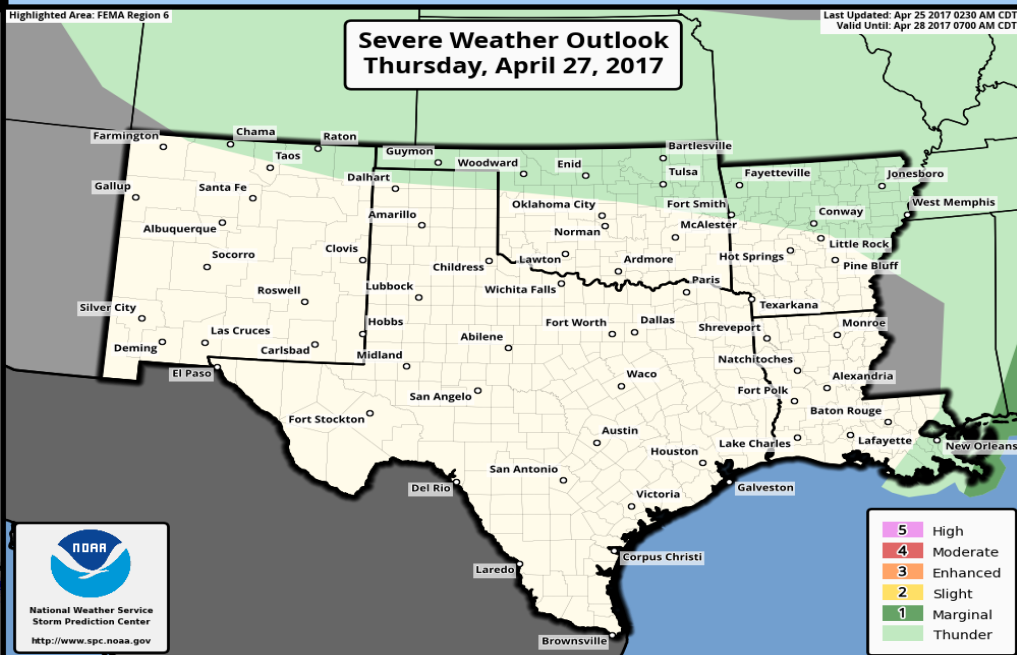
Thursday's Weather



Weather Forecast for Thu, Apr 27, 2017, issued 4:57 AM EDT Tue, Apr 25, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts



No significant weather threats.









Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



**Severe storms and
heavy rainfall
possible on Friday**

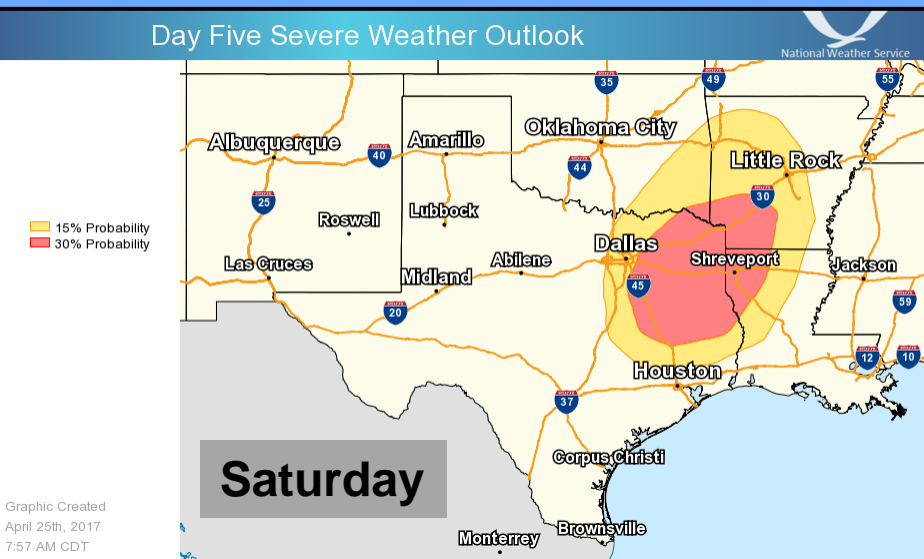
**See next slide for
severe and heavy
rain threats for
Saturday & Sunday**

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

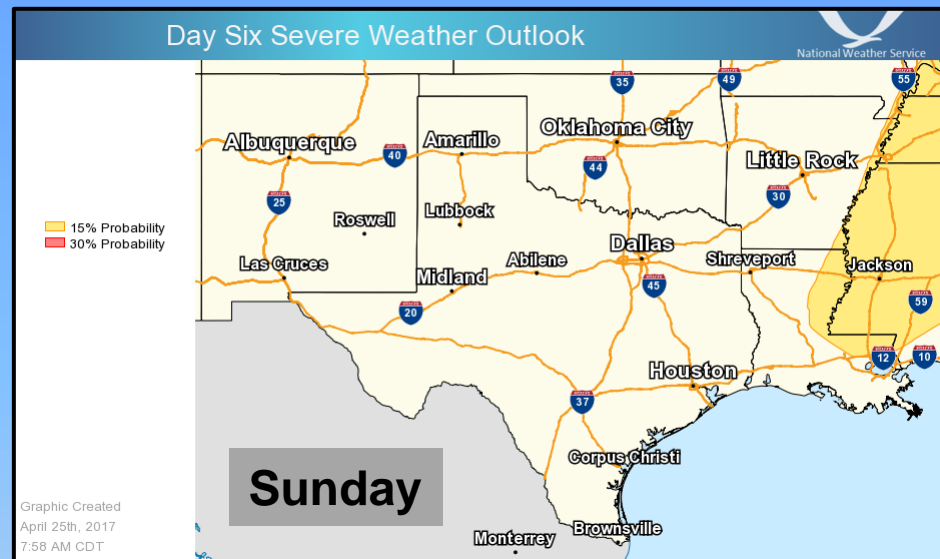
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Severe Weather Outlooks for This Weekend

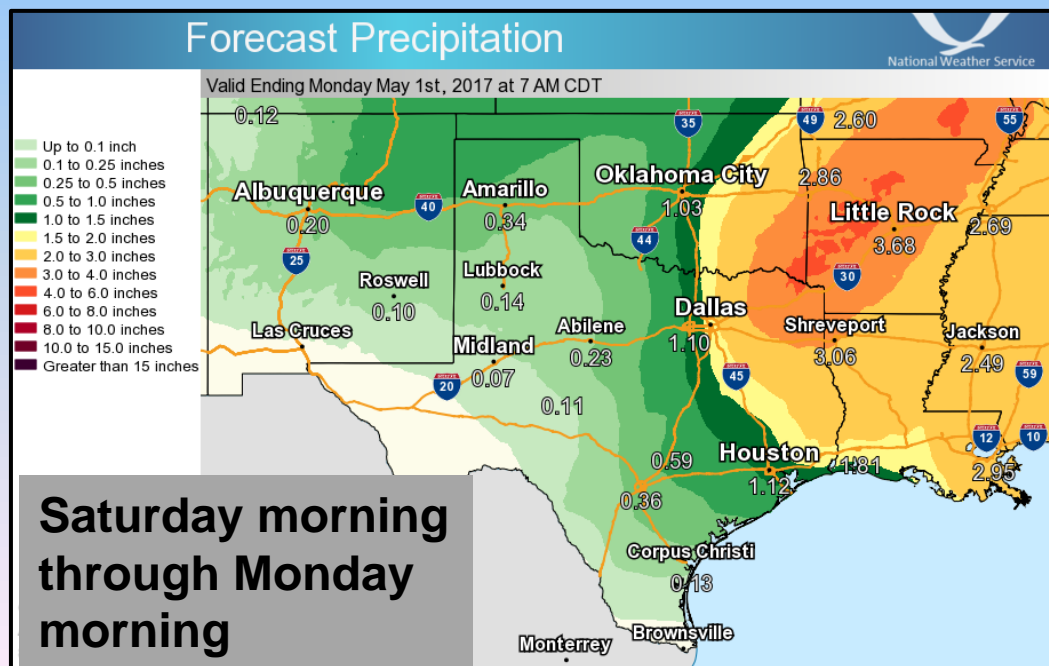
Day Five Severe Weather Outlook



Day Six Severe Weather Outlook



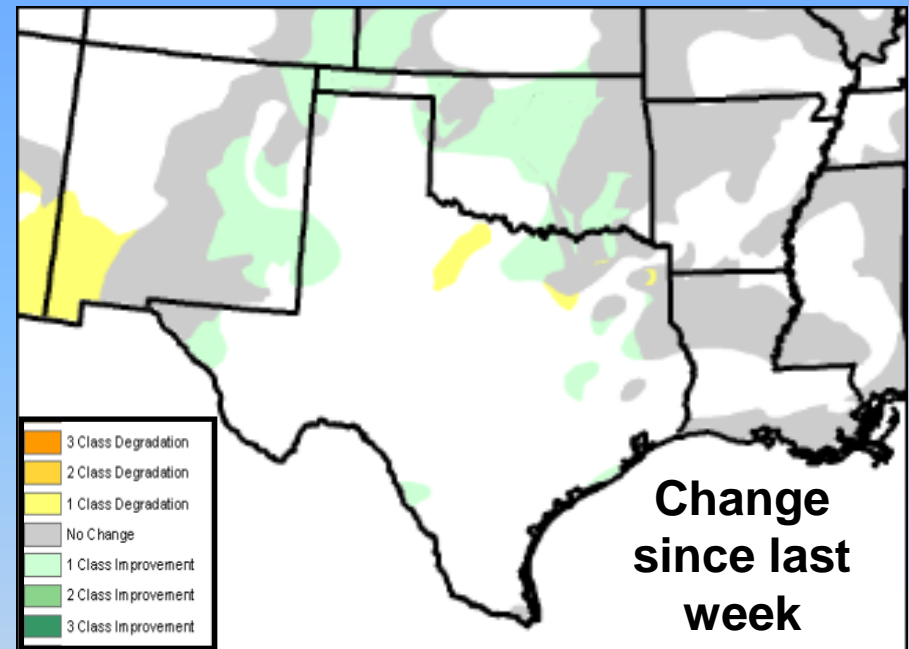
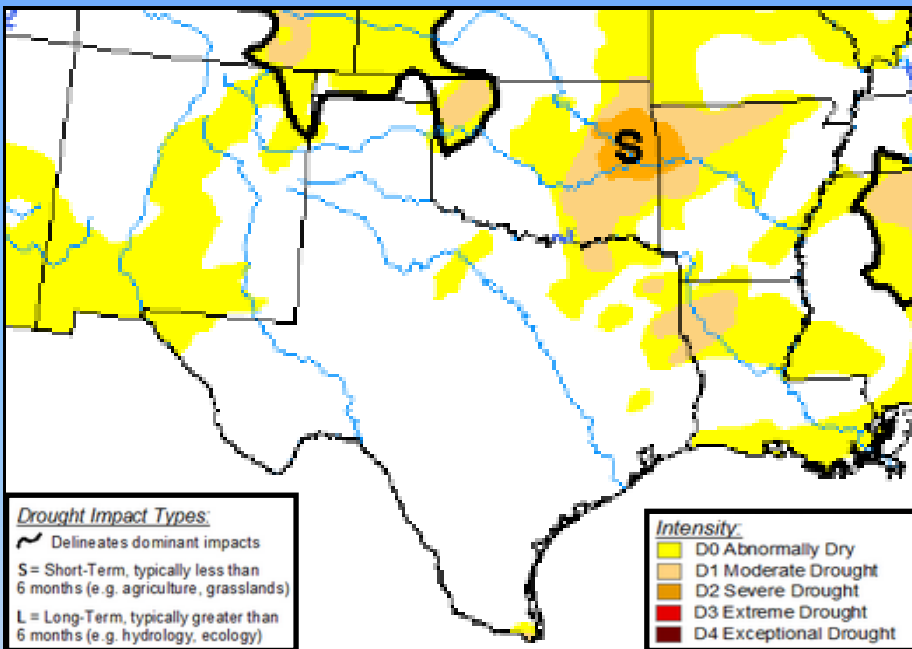
Forecast Precipitation





Drought Monitor Released April 20th, 2017

Data valid as of 7am CST, Tuesday, April 18th, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	4.17%	0.00%
Arkansas	0.00%	0.00%	2.02%	0.00%
Texas	0.00%	0.00%	0.15%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

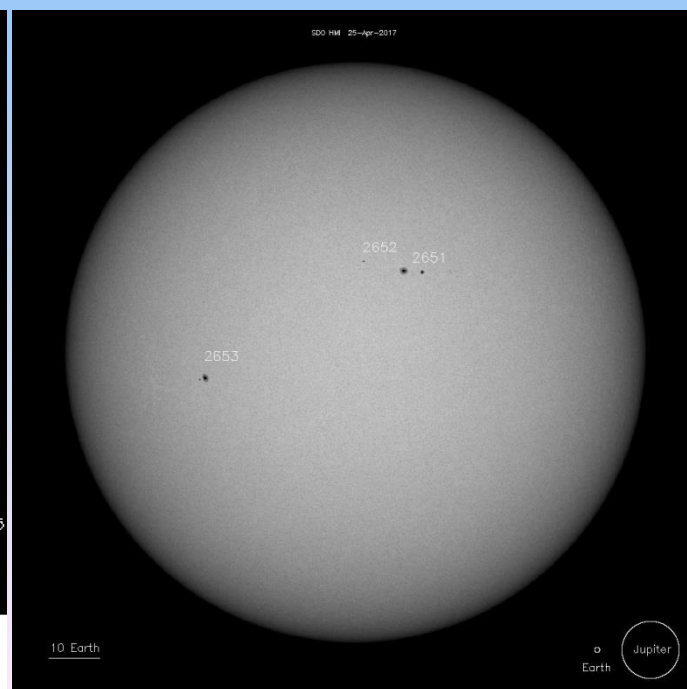
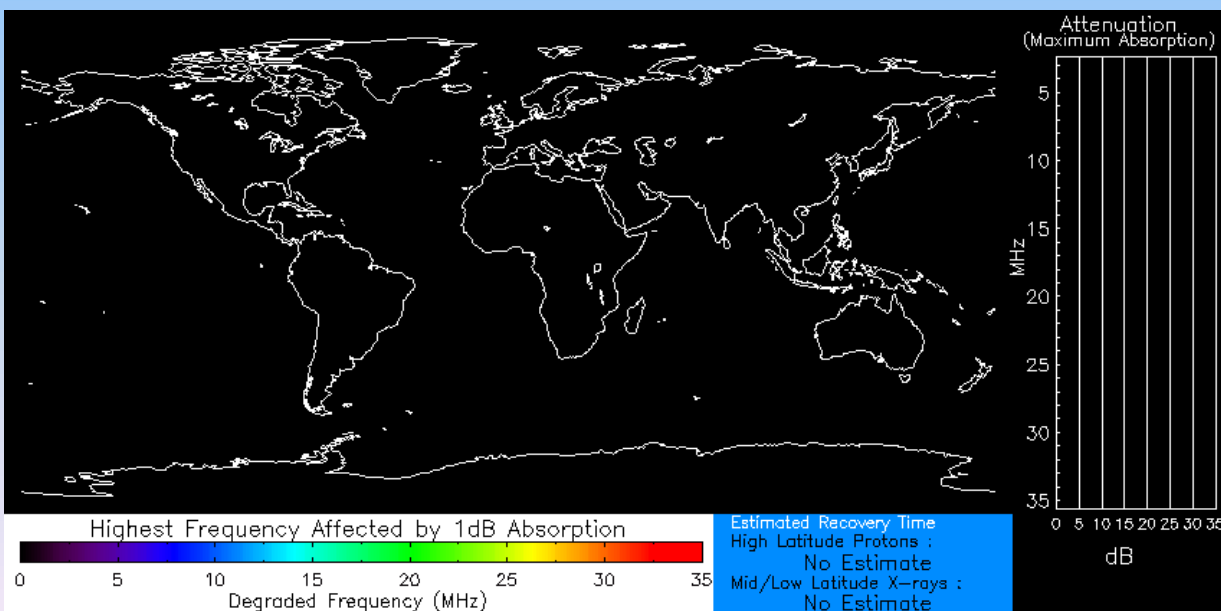
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)	Quiet to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-04-25 11:04 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

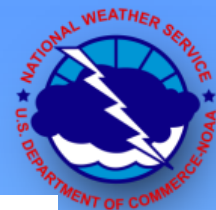
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms